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| **Date:** | October 6, 2020 |
| **To:** | Board of Directors |
| **From:** | Bob Helton, Technical Advisory Committee (TAC) Chair |
| **Subject:** | Planning Guide Revision Request (PGRR) 077, DC Tie Planning Assumptions |

## Issue for the ERCOT Board of Directors

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| **ERCOT Board of Directors Meeting Date:** October 13, 2020  **Item No.:** 6.2 |

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| **Issue:**Consideration of PGRR077, DC Tie Planning Assumptions, recommended for approval by TAC (with no opposing votes recorded). |
| **Background/History:** **Unless otherwise noted: (i) all Market Segments were present for each vote; and (ii) ERCOT supports the revision request.**   * ***PGRR077, DC Tie Planning Assumptions [ERCOT]***   **Revision Description:** This PGRR clarifies that assumed Direct Current Tie (DC Tie) flows will be curtailed in ERCOT’s transmission planning analysis when doing so is necessary to meet reliability criteria.  **Proposed Effective Date:** November 1, 2020  **ERCOT Impact Analysis:** No budgetary impact; no impacts to ERCOT staffing; no impacts to ERCOT computer systems; no impacts ERCOT business processes; no impacts to ERCOT grid operations and practices.  **TAC Decision:** On 9/23/20, TAC voted to recommend approval of PGRR077 as recommended by ROS in the 9/3/20 ROS Report. There was one abstention from the IPM (Shell) Market Segment.  The TAC Report and Impact Analysis for PGRR077 are included in the [ERCOT Board meeting materials](http://www.ercot.com/calendar/2020/10/13/181581-BOARD).  In addition, [PGRR](http://www.ercot.com/mktrules/issues/PGRR077)077 and supporting materials are posted on the ERCOT website. |
| **Key Factors Influencing Issue:** The ROS met, via Webex, discussed the issues, and submitted a report to TAC regarding PGRR077. |
| **Conclusion/Recommendation:** As more specifically described above, TAC recommends that the ERCOT Board approve PGRR077. |

**ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.**

**BOARD OF DIRECTORS RESOLUTION**

WHEREAS, after due consideration of the alternatives, the Board of Directors (Board) of Electric Reliability Council of Texas, Inc. (ERCOT) deems it desirable and in the best interest of ERCOT to approve PGRR077, DC Tie Planning Assumptions, recommended for approval by TAC:

THEREFORE, BE IT RESOLVED, that the ERCOT Board hereby approves PGRR077.

**CORPORATE SECRETARY’S CERTIFICATE**

I, Vickie G. Leady, Assistant Corporate Secretary of ERCOT, do hereby certify that, at its October 13, 2020 urgent meeting by teleconference, the ERCOT Board passed a motion approving the above Resolution by \_\_\_\_\_\_.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_ day of October 2020.

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Vickie G. Leady

Assistant Corporate Secretary